

NETWORK MODELS, METHODS, AND COMPUTER PROGRAM PRODUCTS
FOR MANAGING A SERVICE INDEPENDENT OF THE UNDERLYING
NETWORK TECHNOLOGY

5

ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention provide network models, methods, systems, and computer program products for managing a service. For example, in some embodiments, a network model for managing a service includes an end service domain that associates the service with an end service provider. The end service 10 domain includes a plurality of wholesale service domains that each includes one or more networks that provide traffic transport for the end service domain. One or more gateways are used to couple one of the wholesale service domains to another one of the wholesale service domains, and to perform protocol translation on traffic passing between the coupled wholesale service domains. In addition, one or more gateways 15 are configured to couple a user to the end service domain, and are further configured to communicate with the user by a protocol associated with the service. A process domain provides an abstract representation of applications provided by the end service domain.